

## SEQUENCE LISTING



<110> Jaeger, Stephan

<120> A method for determination of a nucleic acid using a control

<130> 18981

<140> US10/087,631

<141> 2002-03-01

<160> 17

<170> PatentIn Ver. 2.1

<210> 1

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: artificial sequence to exemplify principle

<400> 1

agcgcatgcc agattactgg c

21

<210> 2

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: artificial sequence to exemplify principle

<400> 2

tcgcgtacgg tctaatgacc g

21

<210> 3

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ST650 HCV specific probe sequence

<220>

<221> N\_region  
<222> (15)  
<223> n represents abasic linker  
(2-amino-cyclohexyl-)propan-1,3-diol)

<400> 3

cggtgtactc accgnntccg cagaccacta tggc

34

<210> 4

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:ST2535 probe sequence

<220>

<221> N\_region

<222> (14)

<223> n represents an abasic linker  
(2-amino-cyclohexyl-)propan-1,3-diol)

<400> 4

tggactcagt cctntggtca tctcaccc t

31

<210> 5

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ST650pc probe sequence (parallel-complementary to ST650)

<220>

<221> N\_region

<222> (15)

<223> n represents an abasic linker  
(2-amino-cyclohexyl-)propan-1,3-diol

<400> 5

gccacatgag tggcnaaggc gtctggtgat accg

34

<210> 6

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:ST280  
HCV-specific Primer-sequence

<400> 6

gcagaaaagcg tctagccatg gcgtta

26

<210> 7

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:ST778  
HCV-specific Primer-sequence

<400> 7

gcaaggcaccc tatacggcag taccacaa

28

<210> 8

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:ST280pc Primer  
parallel-complementary to ST280

<400> 8

cgctttcgc agatcggtac ctcaat

26

<210> 9  
<211> 28  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: ST778pc Primer parallel-complementary to ST778

<400> 9  
cgttcggtgg atagtccgtc atgggttt 28

<210> 10  
<211> 241  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: DNA sequence derived by amplification of HCV type 1 using the primers ST280 and ST778

<400> 10  
gcagaaaagcg tctagccatg gcgttagtat gagtgtcggt cagcctccag gaccccccct 60  
cccgggagag ccatagtggt ctgcggaaacc ggtggatcaca ccggaaattgc caggacgacc 120  
gggtcccttc ttggatcaac ccgctcaatg cctggagatt tgggctgtcc cccgcgagac 180  
tgctagccga gtagtgttgg gtcgcgaaag gccttgtgtt actgcctgtt actgcctgtt 240  
c 241

<210> 11  
<211> 943  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: QS(pc)HCV being parallel-complementary to according region of the HCV type 1 genome

<400> 11  
agatctccgc tggagggtgg tatctagtga ggggacactc cttgatgaca gaagtgcgtc 60  
tttcgcagat cggtagccca atcatactca cagcacgtcg gaggtcctgg gggggagggc 120  
cctctcggtt tcaccagacg ccttggccac tcatgtggcc ttaacgggtcc tgctggccca 180  
ggaaagaacc tagttggcg agttacggac ctctaaaccc gcacggggc gctctgacga 240  
tcggctcattt acaacccagc gctttccggc acaccatgac ggactatccc acgaacgctc 300  
acggggccctt ccagagcatc tggcacgtgg tactcgtgtt taggattttgg agtttctttt 360  
tgggttgcatt tgggttggc ggcagggtgtc ctgcagttca agggcccgcc accagtctag 420  
caaccacccaa aatggacaa cggcgcgtcc ccggggtcca accccacacgc ggcgcgatcc 480  
ttctgaaggc tggccagcgt tggagcacct tccgctgttg gataggggtt cgcggcggt 540  
gggctcccgat cccggaccccg agtcggggcc atgggaaccg gggagataacc gttactcccg 600  
taccccaccc gtcctaccga ggacagtggg gcaccaagag ccggatcaac cccggggaggt 660  
ctggggggccg catccagcgc attaaaccca ttccagtagc tatgggaatg tacgcccgaag 720  
cggtggagt accccatgtt aggcgagcag ccgcggggag atcccccgcg gcggtcccg 780  
gaccgcgtac cgcaggccca agacctcctg ccgcacttga tacgttgtcc cttaaacggg 840  
ccaaacgagaa agagatagaa ggagaaccca aacgacagaaa caaactggta gggtcgaagg 900  
cgaataacttc acgcgttaaac atgaggattt cccatgttaac ctt 943

<210> 12  
<211> 241  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: amplicon derived from QS(pc)HCV using the primers ST280pc

and ST778pc

<400> 12

cgtcttcgc agatcggtac cgcaatcata ctcacagcac gtcggaggtc ctggggggga 60  
ggccctctc ggtatcacca gacgccttgg ccactcatgt ggccttaacg gtcctgctgg 120  
cccaggaaag aacctagttg ggcgagttac ggacctctaa acccgacacgg gggcgctctg 180  
acgatcggtc catcacaacc cagcgcttc cggAACACCA tgacggacta tcccacgaac 240  
g 241

<210> 13

<211> 241

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:amplicon  
sequence derived from QSHCV (HCV amplification  
control having binding sites for ST280, ST778 and  
ST2535) using the primers ST280 and ST778

<400> 13

gcagaaaagcg tctagccatg gcgttagtat agtggcggtga gagcagccct tgcctcgccc 60  
accgcgcgtc tagaagggtga gatgaccaga ggactgagtc caatgcgtgc tggctccgag 120  
atgctccgca aacttgcgt caacgtgact gcgtacggcg ggcgtgcccgg cctggctgtg 180  
tatgagctgg tgaccgtgat ctggctggag gccttgtggt actgcctgat agggtgcttg 240  
c 241

<210> 14

<211> 375

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ICSJ620HCV  
(HCV specific amplification control having a  
binding site for ST280 and ST778 and an internal  
region being parallel-complementary to HCV)

<400> 14

agatctcggt cgggggacta ccccccgtgt gaggtggta ttatgtgggg gacactcctt 60  
gtgacagaaa gtggcagaaaa gcgtctagcc atggcggtac atactcacag cacgtcgag 120  
gtcctggggg ggagggccct ctcggatata ccagacgcct tggccactca tgtggccta 180  
acggtcctgc tggcccagga aagaaccttag tttggcgag ttacggacct ctaaaccgc 240  
acgggggcgc tctgacgatc ggctcatcac aaccgcgc tttccgggtt tggtactgcc 300  
tcataggggtt cttgcctcga ggggcctcc agacatctg gcacgtggaa acatgaggat 360  
tacccatgtt agctt 375

<210> 15

<211> 242

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: amplicon  
derived from ICSJ620HCV (HCV-specific  
amplification control) using ST280 and ST778 as  
primers

<400> 15

gcagaaaagcg tctagccatg gcgttacata ctcacagcac gtcggaggtc ctggggggga 60  
ggccctctc ggtatcacca gacgccttgg ccactcatgt ggccttaacg gtcctgctgg 120  
cccaggaaag aacctagttt gggcgagttt cggacctcta aaccgcacg gggcgctctg 180  
gacgatcggtc tcatcacaac ccagcgcttt ccgttgg tactgcctga tagggtgctt 240  
gc 242

<210> 16  
<211> 46  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: NTQ21-46-A

<400> 16  
cgatcatctc agaacattct tagcggtttg ttcttgcgttgta tgatcg

46

<210> 17  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: artifical  
sequence to exemplify principle

<400> 17  
cggtcatttag accgtacgca a

21